

**INFORMATION DISCLOSURE CITATION**  
(Us several sheets if necessary)

Atty. Docket No.: 6502.0036-12				Serial No.: Rule 53(b) Continuation Application Serial No. 09/628,300			
Applicants: Patrick J. NAUGHTON et al.							
Filing Date: Herewith				Prior Group: 2173			
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
SL		4,290,142	9/15/81	Schnee et al.			
		4,533,910	8/6/85	Sukonick et al.			
		4,536,791	8/20/85	Campbell et al.			
		4,555,775	11/26/85	Pike			
		4,573,072	2/25/86	Freeman			
		4,622,545	11/11/86	Atkinson			
		4,641,205	2/3/87	Beyers, Jr.			
		4,653,090	3/24/87	Hayden			
		4,706,121	11/10/87	Young			
		4,712,191	12/8/87	Penna			
		Re. 32,632	3/29/88	Atkinson			
		4,748,618	5/31/88	Brown et al.			
		4,750,036	6/7/88	Martinez			
		4,772,882	9/20/88	Mical			
		4,785,408	11/15/88	Britton et al.			
		4,788,538	11/29/88	Klein et al.			
		4,812,834	3/14/89	Wells			
		4,847,604	7/11/89	Doyle			
		4,847,700	7/11/89	Freeman			
		4,873,623	10/10/89	Lane et al.			
		4,884,223	11/28/89	Ingle et al.			
		4,890,320	12/26/89	Monslow et al.			
SL		4,899,136	2/6/90	Beard et al.			
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SL		4,914,517	4/3/90	Duffield			
		4,914,732	4/3/90	Henderson et al.			
		4,931,783	6/5/90	Atkinson			
		4,935,865	6/19/90	Rowe et al.			
		4,939,507	7/3/90	Beard et al.			
		4,959,720	9/25/90	Duffield et al.			
		4,977,455	12/11/90	Young			
		4,987,486	1/22/91	Johnson et al.			
		4,995,078	2/19/91	Monslow et al.			
		5,008,853	4/16/91	Bly et al.			
		5,014,125	5/7/91	Pocock et al.			
		5,021,976	6/4/91	Wexelblat et al.			
		5,047,867	9/10/91	Strubbe et al.			
		5,062,060	10/29/91	Kolnick			
		5,065,347	11/12/91	Pajak et al.			
		5,072,412	12/10/91	Henderson Jr. et al.			
		5,086,385	2/4/92	Launey et al.			
		5,093,718	3/3/92	Hoarty et al.			
		5,107,443	4/21/92	Smith et al.			
		5,140,677	8/18/92	Fleming et al.			
		5,140,678	8/18/92	Torres			
		5,146,556	9/8/92	Hullot et al.			
SL		5,148,154	9/15/92	MacKay et al.			
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SL	5,151,782	9/29/92	Ferraro				
	5,151,789	9/29/92	Young				
	5,155,806	10/13/92	Hoeber et al.				
	5,157,768	10/20/92	Hoeber et al.				
	5,177,604	1/5/93	Martinez				
	5,195,092	3/16/93	Wilson et al.				
	B14,977,455	4/13/93	Young				
	5,204,947	4/20/93	Bernstein et al.				
	5,206,722	4/27/93	Kwan				
	5,220,420	6/15/93	Hoarty et al.				
	5,223,924	6/29/93	Strubbe				
	5,233,687	8/3/93	Henderson, Jr. et al.				
	Re. 34,340	8/10/93	Freeman				
	5,235,679	8/10/93	Yoshizawa et al.				
	5,236,199	8/17/93	Thompson, Jr.				
	5,239,540	8/24/93	Rovira et al.				
	5,241,671	8/31/93	Reed et al.				
	5,247,347	9/21/93	Litteral et al.				
	5,253,067	10/12/93	Chaney et al.				
	5,295,062	3/15/94	Fukushima				
	5,295,243	3/15/94	Robertson et al.				
	5,297,253	3/22/94	Meisel				
SL	5,310,349	5/10/94	Daniels et al.				
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SL		5,327,160	7/5/94	Asher			
		5,327,161	7/5/94	Logan et al.			
		5,333,254	7/26/94	Robertson			
		5,333,256	7/26/94	Green et al.			
		5,347,628	9/13/94	Brewer et al.			
		5,349,658	9/20/94	O'Rourke et al.			
		5,357,276	10/18/94	Banker et al.			
		5,361,091	11/1/94	Hoarty et al.			
		5,363,482	11/8/94	Victor et al.			
		5,367,454	11/22/94	Kawamoto et al.			
		5,371,553	12/6/94	Kawamura et al.			
		5,377,997	1/3/95	Wilden et al.			
		5,381,158	1/10/95	Takahara et al.			
		5,388,993	2/14/95	McKiel et al.			
		5,392,389	2/21/95	Fleming			
		5,393,073	2/28/95	Best			
		5,394,521	2/28/95	Henderson, Jr. et al.			
		5,396,546	3/7/95	Remillard			
		5,397,678	3/14/95	Sato et al.			
		5,410,326	4/25/95	Goldstein			
		5,412,377	5/2/95	Evans et al.			
		5,416,901	5/16/95	Torres			
SL		5,422,993	6/6/95	Fleming			
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SL		5,428,734	6/27/95	Haynes et al.			
		5,434,965	7/18/95	Matheny et al.			
		5,442,376	8/15/95	Tannebaum et al.			
		5,442,742	8/15/95	Greyson et al.			
		5,457,478	10/10/95	Frank			
		5,461,710	10/24/95	Bloomfield et al.			
		5,463,725	10/31/95	Henckel et al.			
		5,463,726	10/31/95	Price			
		5,485,197	1/16/96	Hoarty			
		5,491,743	2/13/96	Shio et al.			
		5,491,784	2/13/96	Douglas et al.			
		5,500,794	3/19/96	Fujita et al.			
		5,517,663	5/14/96	Kahn			
		5,524,195	6/4/96	Clanton III et al			
		5,530,865	6/25/96	Owens et al.			
		5,543,857	8/6/96	Wehmeyer et al.			
		5,555,354	9/10/96	Strasnick et al.			
		5,561,444	10/1/96	Johnston, Jr. et al.			
		5,638,505	6/10/97	Hemenway et al.			
		5,657,221	8/12/97	Warman et al.			
		5,666,552	9/9/97	Greyson et al.			
		5,689,663	11/18/97	Williams			
SL		5,694,151	12/2/97	Johnston, Jr. et al.			
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Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
SL		5,754,178	5/19/98	Johnston, Jr. et al.			
↓		5,886,697	3/23/99	Naughton et al.			
		5,995,106	11/30/99	Naughton et al.			
SL		DES. 348,654	7/12/94	Branck et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or N
SL		0 239 884	10/7/87	European			
↓		0 438 017	7/24/91	European			
		0 439 873	8/7/91	European			
		93/11639	11/30/92	PCT			
SL		0 524 103	1/20/93	European			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
SL	Alexander, "Visualizing Cleared-Off Desktops," Computerworld, May 6, 1991, p. 20						
	Jeffrey J. Blatt, "A Primer on User Interface Software Patents," 9 The Computer Lawyer, Vol. 9, No. 4, April, 1992						
	P. Chan, "Learning Considerations in User Interface Design: The Room Model," Report CS-84-16, University of Waterloo, Computer Science Dept., Waterloo, Ontario, Canada, July, 1984						
	Stavros Christodoulakis et al., "Browsing Within Time-Driven Multimedia Documents," Institute for Computer Research, University of Waterloo, Waterloo, Ontario, Canada, July, 1988						
	Chung et al., "A 'Tiny' Pascal Compiler: the P-Code Interpreter," BYTE Publications Inc., September, 1978						
	Chung et al., "A 'Tiny' Pascal Compiler Part 2: The P-Compiler," BYTE Publications Inc., October, 1978						
SL	Conference Proceeding, The 10 <sup>th</sup> Annual International Symposium on Computer Architecture, Royal Institute of Technology, Stockholm, Sweden, 1983						
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
SL	Hoarty, "Multimedia on Cable Television Systems," 10/5/93, pp. 555-567		
	Hsia et al., "Construction and Manipulation of Dynamic Icons," IEEE 78, 1988		
	(IBM), "Conferencing Metaphor," 2/2/93, pp. 63-66		
	IBM Technical Disclosure Bulletin, "Creation/Modification of the Audio Signal Processor Setup for a PC Audio Editor," Vol. 30, No. 10, March, 1988		
	IBM Technical Disclosure Bulletin, Vol. 34, No. 5, pgs. 24-26, October 5, 1991		
	IBM Technical Disclosure Bulletin, Vol. 36, No. 4, pgs. 215-216, April, 1993		
	Hiroshi Ishii et al., "Clearface: Translucent Multiuser Interface for TeamWork Station," ECSCW, September, 1991, pp. 6-10		
	Hiroshi Ishii et al., "Toward an Open Shared Workspace," Communications of the ACM, Vol. 34, No. 12, December, 1991, pp. 37-50		
	B. Laurel, "Computers as Theater," Addison Wesley Pub. Co., 1990		
	B. Laurel, "Computers as Theater," Addison Wesley Pub. Co., 1993		
	B. Laurel, "The Art of Human-Computer Interface Design," Addison Wesley Pub. Co., 1990		
	B. Laurel, "The Art of Human Computer Interface Design," Apple Computer Inc., 1991		
	Gene McDaniel, "An Analysis of a Mesa Instruction Set," Palo Alto Research Centers, 1982		
	Brad A. Meyers, "The Importance of Percent-Done Progress Indicators for Computer-Human Interfaces," ACM 11, 1989		
	Mitchell et al., "Mesa Language Manual," Palo Alto Research Centers		
	Kenneth A. Pier, "A Retrospective on the Dorado, A High-Performance Personal Computer," Palo Alto Research Centers, August, 1983		
	George Robertson et al., Communications for the Assoc. for Computing Machinery, "Information Visualization Using 3D Interactive Animation," Vol. 36, No. 4, April, 1993, pp. 57-71		
	George Robertson et al., UIST Proceedings of the ACM Siggraph Symposium on User Interface Software and Technology, "The Cognitive Coprocessor Architecture for Interactive User Interfaces," 13-15, November, 1989, Williamsburg, VA, pp. 10-18		
	Sega of America, "Sonic the Hedgehog," 1991		
SL	Tanigawa, "Personal Multimedia-Multipoint Teleconference System," 4/7/91, pp. 1127-1144		
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SL	Thompson, "Regular Expression Search Algorithm," Communications of the ACM, Vol. 11, No. 6, June 1968 at 418 <u>et seq.</u>		
SL	Y. Tonomura et al., "Content Oriented Interface Using Video Icons for Visual Database Systems," IEEE 68, 1989		
SL	Hirotsada Ueda et al., "Impact: An Interactive Natural-Motion-Picture Dedicated Multi-Media Authoring System," Communications of the ACM, March, 1991, pp. 343-350		
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